

- C2*
combined
- b) a nucleotide sequence encoding the amino acid sequence of SEQ ID NO:2;
 - c) a nucleotide sequence set forth in SEQ ID NO:1;
 - d) a nucleotide sequence having at least 90% identity to a nucleotide sequence of a), b), or c); and
 - e) a nucleotide sequence encoding an antisense RNA of a nucleotide sequence of a), b), c), or d.

C1

3. The isolated nucleotide sequence of claim 1, wherein said GDP-mannose is native to maize.

4. The isolated nucleotide sequence of claim 1, wherein said leguminous plant is selected from the group consisting of beans and peas.

C3

7. The expression cassette of claim 5, wherein said GDP-mannose pyrophosphorylase is native to maize.

8. The expression cassette of claim 5, wherein said leguminous plant is selected from the group consisting of beans and peas.

C4

24. The plant cell of claim 23, wherein said nucleotide sequence is selected from the group consisting of:

- a) a nucleotide sequence encoding a GDP-mannose pyrophosphorylase that is native to maize or a leguminous plant;
- b) a nucleotide sequence encoding the amino acid sequence of SEQ ID NO:2;
- c) a nucleotide sequence set forth in SEQ ID NO:1;